

Job Name: 25-2821 HWY 111 Water Transmission Main	Plant: 100	Tech: J. Horsley - A	
Job Location: Spencer, TN Contractor: Twin States Utilities, Inc.	1/26/2026 8:32:13 AM	PC: Erica Bradley	

Structure ID: ARV3

P3 MH048RS36

MH RISER T/G

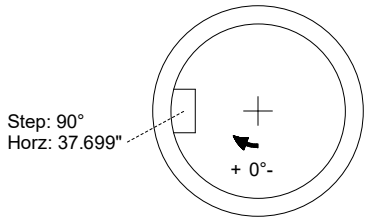
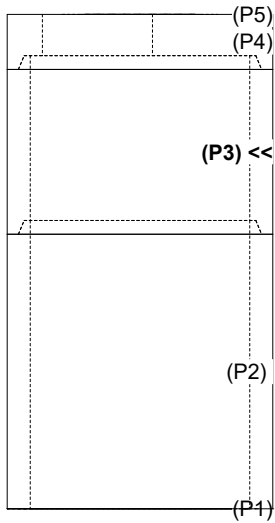
P5) 24" - CASTING HEIGHT - 0"	0 lb
P4) 48" - MH FLAT TOP SPECIAL (MCS-288) F/G - 12"	1575 lb
P3) 48" - MH RISER T/G - 36"	2515 lb
P2) 48" - MH DH RISER T/F - 60"	3778 lb
P1) 48" - P.I.P. BY OTHERS - BTM SLAB F/n - 0"	0 lb
1) CASTING - HOE MCS-288 F/C Water CAST-IN	123 lb
1) This Structure Includes a Cast-in Item - HOE MCS-288 Frame	0 lb
3) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) DOGHOUSE - 16"x32"	0 lb
8) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	7991 lb

Structure Notes:
 1. PER ASTM C-478 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: PER ASTM A615
 4. STEPS AT 90 DEGREES
 5. HOE MCS-288 FRAME & COVER "WATER" SUPPLIED BY ICAST - FRAME TO BE CAST INTO FLAT LID FLANGE SIDE UP

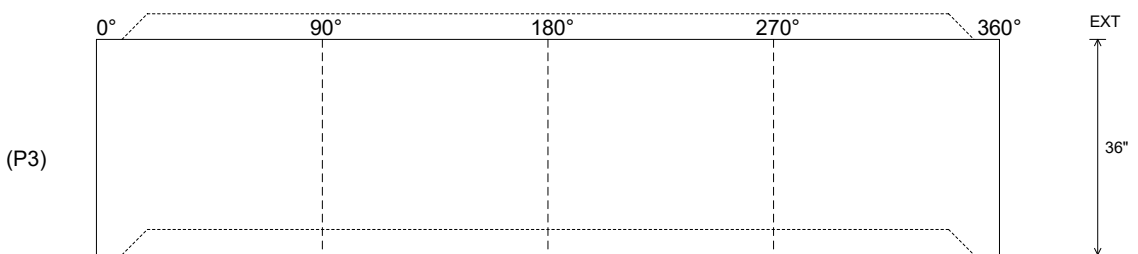
Rim: 7.5' Rim to Invert: 7.5' Slack: 0" Sump: 18" Step Position: 0°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1										
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: Groove	Wall Thickness: 5" Floor Height: 0"	Height (Int): 36" Height (Ext): 36"	Weight (Net): 2515 lb Volume (Net): 0.64cu.yd
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